

**Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment:  
1993, 1995, and 1997**

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Occupation and year	Total	Male			Female		
		Educational institution	Industry	Government	Educational institution	Industry	Government
		Number	Percent	Percent			
<b>Total</b>							
1993.....	462,870	100.0	37.4	34.3	8.1	10.5	7.7
1995.....	484,780	100.0	36.7	33.7	7.8	11.7	7.9
1997.....	518,440	100.0	35.2	33.7	8.0	12.4	8.4
<b>Scientists</b>							
1993.....	267,070	100.0	44.7	24.9	7.5	12.8	8.2
1995.....	284,840	100.0	43.8	24.4	7.4	14.0	8.3
1997.....	319,130	100.0	41.0	25.0	8.2	14.5	8.8
<b>Computer/mathematical scientists</b>							
1993.....	34,440	100.0	49.9	32.9	5.0	7.2	4.2
1995.....	37,440	100.0	46.6	36.2	4.5	7.4	4.5
1997.....	45,350	100.0	39.8	40.2	5.6	7.6	5.7
Computer/information scientists							
1993.....	11,820	100.0	7.5	76.1	5.3	1.5	8.8
1995.....	14,170	100.0	9.3	76.3	4.2	1.4	8.0
1997.....	20,820	100.0	6.1	76.1	6.3	1.2	9.3
Mathematical scientists							
1993.....	5,140	100.0	18.9	45.8	20.9	3.8	7.6
1995.....	6,050	100.0	18.9	45.1	18.1	5.8	8.7
1997.....	5,920	100.0	17.4	40.7	20.6	5.3	11.0
Postsecondary teachers, computer & mathematical sciences							
1993.....	17,490	100.0	87.7	S	S	12.2	S
1995.....	17,230	100.0	87.0	S	S	13.0	S
1997.....	18,610	100.0	84.6	S	S	15.4	S
<b>Life and related scientists</b>							
1993.....	80,970	100.0	50.1	17.4	8.5	16.2	5.4
1995.....	85,990	100.0	49.3	16.8	8.3	17.8	5.5
1997.....	97,550	100.0	45.8	18.9	8.5	18.2	5.6
Agricultural/food scientists							
1993.....	7,500	100.0	37.6	30.4	18.4	6.1	5.0
1995.....	7,730	100.0	37.1	33.9	15.9	5.8	5.3
1997.....	9,170	100.0	29.3	37.3	18.4	7.1	5.0
Biological scientists							
1993.....	43,430	100.0	33.0	26.7	11.9	15.4	9.2
1995.....	47,650	100.0	34.3	24.3	11.8	17.2	8.9
1997.....	55,590	100.0	32.0	26.3	10.7	17.6	8.8
Forestry & conservation scientists							
1993.....	820	100.0	26.0	16.9	43.4	S	S
1995.....	850	100.0	18.9	28.5	37.5	S	6.8
1997.....	1,230	100.0	20.9	23.9	42.9	S	4.1

See explanatory information and SOURCE at the end of table.

**Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment:  
1993, 1995, and 1997**

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Occupation and year	Total	Male			Female		
		Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent				
Postsecondary teachers, life & related sciences							
1993.....	29,220	100.0	79.3	S	S	20.5	S
1995.....	29,760	100.0	77.4	0.2	S	22.3	S
1997.....	31,550	100.0	75.9	0.2	0.5	23.3	S
<b>Physical and related scientists</b>							
1993.....	63,660	100.0	43.8	36.4	9.4	5.3	4.2
1995.....	65,900	100.0	44.6	34.3	9.3	6.1	4.6
1997.....	72,240	100.0	40.9	34.0	12.5	6.7	4.8
Chemists except biochemists							
1993.....	21,220	100.0	11.8	68.2	7.1	1.8	10.1
1995.....	21,270	100.0	12.2	66.8	7.2	1.4	11.1
1997.....	24,560	100.0	9.7	67.4	7.8	2.7	11.1
Earth/atmos/ocean scientists							
1993.....	7,610	100.0	26.6	33.6	29.9	3.6	2.9
1995.....	8,590	100.0	27.0	35.1	27.1	5.5	2.6
1997.....	8,830	100.0	27.2	31.5	31.3	4.2	2.4
Physicists & astronomers							
1993.....	12,610	100.0	36.2	42.3	15.5	3.1	2.2
1995.....	12,080	100.0	39.7	36.5	17.3	3.0	2.2
1997.....	13,280	100.0	29.3	34.0	29.8	2.1	2.7
Other physical scientists							
1993.....	1,470	100.0	20.7	55.1	15.3	S	4.3
1995.....	1,760	100.0	19.0	54.9	11.4	3.5	9.7
1997.....	1,280	100.0	9.8	54.0	26.2	S	9.4
Postsecondary teachers, physical & related sciences							
1993.....	20,760	100.0	89.0	S	S	11.0	S
1995.....	22,190	100.0	87.2	S	S	12.7	S
1997.....	24,290	100.0	85.4	S	S	14.4	S
<b>Social scientists</b>							
1993.....	37,170	100.0	61.2	9.2	5.4	18.2	3.8
1995.....	40,050	100.0	59.7	9.2	5.2	19.6	3.5
1997.....	43,370	100.0	58.2	9.1	5.5	20.6	4.4
Economists							
1993.....	5,360	100.0	14.0	43.5	22.0	2.4	10.6
1995.....	5,800	100.0	15.8	43.6	18.3	1.9	11.0
1997.....	6,640	100.0	14.2	42.9	19.9	2.2	12.9
Political/related scientists							
1993.....	820	100.0	22.5	25.8	25.3	13.1	9.2
1995.....	1,110	100.0	34.6	19.9	24.1	14.1	5.5
1997.....	870	100.0	21.2	34.8	26.5	12.6	S

See explanatory information and SOURCE at the end of table.

**Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment:  
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Occupation and year	Total	Male			Female		
		Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent				
Sociologists/anthropologists							
1993.....	2,470	100.0	33.1	18.3	7.7	15.3	16.5
1995.....	2,600	100.0	22.8	20.3	16.9	13.2	16.6
1997.....	3,310	100.0	19.6	15.4	15.3	21.5	20.6
S&T historians & other scientists							
1993.....	1,730	100.0	11.2	24.7	24.3	12.2	20.9
1995.....	2,130	100.0	25.0	18.5	12.1	17.7	13.9
1997.....	1,840	100.0	21.5	13.9	14.0	21.8	19.1
Postsecondary teachers, social & related sciences							
1993.....	26,790	100.0	77.7	S	S	22.2	S
1995.....	28,420	100.0	75.6	S	0.2	24.2	S
1997.....	30,710	100.0	75.1	0.1	0.1	24.6	S
Psychologists							
1993.....	50,830	100.0	21.5	28.3	6.9	16.5	23.5
1995.....	55,460	100.0	21.1	27.1	7.0	17.9	23.2
1997.....	60,630	100.0	21.9	24.6	6.5	18.6	24.0
Psychologists							
1993.....	37,370	100.0	7.2	38.5	9.3	8.6	31.9
1995.....	41,010	100.0	7.3	36.5	9.5	10.3	31.5
1997.....	45,120	100.0	8.5	33.0	8.7	11.7	32.1
Postsecondary teachers, psychology							
1993.....	13,470	100.0	61.1	S	S	38.5	S
1995.....	14,450	100.0	60.4	0.3	S	39.2	S
1997.....	15,510	100.0	61.0	S	S	38.5	0.3
Engineers							
1993.....	55,550	100.0	34.8	54.2	5.5	1.8	3.2
1995.....	58,430	100.0	33.9	54.3	6.2	2.3	2.9
1997.....	69,740	100.0	30.8	55.2	7.4	2.1	3.7
Aerospace/aeronautical engineers							
1993.....	3,150	100.0	10.8	72.9	14.2	S	S
1995.....	3,630	100.0	8.7	70.2	17.4	S	2.6
1997.....	3,990	100.0	10.8	65.9	17.2	S	3.8
Chemical engineers							
1993.....	5,610	100.0	7.4	84.6	2.4	S	5.2
1995.....	5,640	100.0	8.9	81.0	3.1	1.3	5.4
1997.....	6,730	100.0	7.0	82.1	3.1	0.8	6.7
Civil engineers							
1993.....	2,460	100.0	8.7	71.1	16.7	S	2.1
1995.....	2,790	100.0	12.8	67.6	15.8	S	S
1997.....	3,350	100.0	12.0	64.6	16.4	S	3.9

See explanatory information and SOURCE at the end of table.

**Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment:  
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Occupation and year	Total	Male			Female			
		Educational institution	Industry	Government	Educational institution	Industry	Government	
					Number	Percent	Percent	
Electrical/related engineers								
1993.....	9,270	100.0	9.9	78.7	7.2	S	3.6	S
1995.....	10,660	100.0	9.4	80.8	6.1	0.7	3.0	S
1997.....	13,500	100.0	9.2	78.1	7.8	0.4	4.3	S
Industrial engineers								
1993.....	350	100.0	S	77.1	S	S	S	S
1995.....	840	100.0	24.0	63.1	1.2	2.0	9.7	S
1997.....	1,220	100.0	4.5	73.7	4.4	S	14.6	S
Mechanical engineers								
1993.....	5,090	100.0	13.7	77.3	6.5	0.3	1.9	S
1995.....	5,770	100.0	12.8	78.0	6.2	0.4	2.1	S
1997.....	7,820	100.0	11.4	76.2	9.5	0.1	2.2	S
Other engineers								
1993.....	13,960	100.0	13.0	70.4	7.3	1.4	6.4	1.4
1995.....	13,590	100.0	15.5	66.9	10.0	1.1	5.5	1.0
1997.....	16,000	100.0	13.3	66.5	11.6	1.1	5.9	1.7
Postsecondary teachers, engineering								
1993.....	15,660	100.0	95.2	S	S	4.7	S	S
1995.....	15,530	100.0	93.8	S	S	6.2	S	S
1997.....	17,140	100.0	92.4	0.8	S	6.7	S	S
<b>Non-S&amp;E occupations</b>								
1993.....	140,240	100.0	24.7	44.3	10.1	9.5	8.6	2.7
1995.....	141,520	100.0	23.7	44.1	9.4	11.0	9.2	2.6
1997.....	129,570	100.0	23.5	43.3	8.0	12.7	9.9	2.6
Managers, administrators, etc.								
1993.....	90,400	100.0	23.5	47.9	12.9	5.4	7.5	2.8
1995.....	83,820	100.0	21.1	49.7	12.0	5.8	8.4	3.0
1997.....	71,010	100.0	20.7	50.9	10.7	5.9	8.8	3.0
Health and related occupations								
1993.....	12,570	100.0	21.8	38.4	8.3	10.5	15.9	5.0
1995.....	13,450	100.0	25.7	37.1	8.4	10.4	14.3	4.1
1997.....	14,440	100.0	27.2	35.2	6.2	11.9	16.2	3.3
Teachers, except S&E postsecondary teachers								
1993.....	16,660	100.0	55.6	1.7	0.9	40.4	1.1	S
1995.....	19,760	100.0	53.0	2.4	0.8	42.2	1.4	S
1997.....	20,780	100.0	50.0	2.1	0.8	46.0	1.0	S

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**Table S8. Employed doctoral scientists and engineers by occupation, sex, and broad sector of employment:  
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Occupation and year	Total	Male			Female		
		Educational institution	Industry	Government	Educational institution	Industry	Government
	Number	Percent	Percent				
Social services and related occupations							
1993.....	1,670	100.0	18.3	41.4	8.2	6.7	18.2
1995.....	1,770	100.0	16.3	39.3	12.9	15.7	12.0
1997.....	2,020	100.0	15.1	39.4	7.7	15.1	18.5
Technologists, etc.							
1993.....	4,740	100.0	10.9	72.3	6.5	2.5	6.5
1995.....	5,310	100.0	11.9	69.4	6.7	2.7	8.7
1997.....	4,570	100.0	8.5	76.7	6.4	1.8	4.8
Sales and marketing occupations							
1993.....	4,490	100.0	S	82.8	S	S	16.9
1995.....	4,870	100.0	S	84.7	S	S	14.0
1997.....	5,230	100.0	1.2	82.5	S	S	15.6
Other non-S&E occupations							
1993.....	9,720	100.0	6.1	59.8	9.5	2.0	18.7
1995.....	12,560	100.0	7.8	53.6	11.4	4.3	19.5
1997.....	11,530	100.0	6.2	50.8	11.0	4.8	22.8

**NOTE:** Numbers are rounded to nearest ten.

Details may not add to total and percents may not add to 100 because of rounding.

1993 and 1995 figures may not match previously published figures.

**KEY:** S=Suppressed due to too few cases (fewer than 50 weighted cases).

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.